Running TIBCO® Spotfire® 2.2 on a Citrix Presentation Server™

Installation Manual

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TIBCO Spotfire is covered by U.S. Patent No. 6,014,661 and U.S. Patent No. 7, 216,116.
Other patent(s) pending.

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1 Installation Instructions

1.1 Prerequisites

The instructions below assume that you have a working Citrix Presentation Server™ in place.

You also need to have access to a running TIBCO Spotfire Analytics Server, that TIBCO Spotfire will connect to. How to install a Spotfire Analytics Server is described in the “TIBCO Spotfire Analytics Server 10.1 - Installation and Configuration Manual”.

The Spotfire Analytics Server must be a separate machine from the Citrix Presentation Server.

Some tools in TIBCO Spotfire require certain third-party applications to be installed on the Citrix server, for example Microsoft PowerPoint®, etc.

TIBCO Spotfire requires Microsoft .NET Framework version 2.0. This must be installed separately before installing TIBCO Spotfire.

For more information on the system requirements of TIBCO Spotfire, please see http://spotfire.tibco.com/sr.

1.2 Roles

To complete the installation, a Spotfire administrator and a Citrix Presentation Server™ administrator need to be present.

The Spotfire administrator should have a good knowledge of TIBCO Spotfire and the Spotfire Analytics Server.

The Citrix Presentation Server administrator should have a good knowledge of the Citrix environment and the various settings that are involved.

The instructions below state whether they are to be performed by the Spotfire administrator or the Citrix Presentation Server administrator.

1.3 Installing TIBCO Spotfire 2.2 on the Citrix Presentation Server

This chapter is intended for the Spotfire administator and the Citrix Presentation Server administrator.

This chapter is divided into two alternatives. Perform the instructions applicable to you:

- Your company has never had a running Spotfire system before. This is the first time a TIBCO Spotfire client is to be installed. Go to Section 1.3.1 on page 5.
- Your company has a running Spotfire system already in place, and has installed TIBCO Spotfire clients. You now also want to add TIBCO Spotfire to a Citrix Presentation Server. Go to Section 1.3.2 on page 5.

1.3.1 First Time Installation of TIBCO Spotfire 2.2

Follow the instructions in chapter 1.1 to chapter 1.7 of the “TIBCO Spotfire 2.2 - Deployment and Administration Manual”. This will explain how to deploy and configure TIBCO Spotfire 2.2 on the Spotfire Analytics Server, and get a first TIBCO Spotfire 2.2 client installed on “your personal computer”.

In all cases where the Deployment manual says “your personal computer” this means a stand alone PC which you, the administrator, have access to.

After you have performed the instructions above, if you have any patches or language packs to apply, do so now according to the instructions provided with these.

Chapter 1.8 of the “TIBCO Spotfire 2.2 - Deployment and Administration Manual” explains how an administrator prepares to install the TIBCO Spotfire 2.2 client for end users.

Perform these instructions, but in all cases where the Deployment manual says “your personal computer” this means the Citrix Presentation Server.

Verify that TIBCO Spotfire 2.2 starts properly, and when satisfied close TIBCO Spotfire 2.2 again.

1.3.2 TIBCO Spotfire 2.2 Already Installed

If your company already has TIBCO Spotfire 2.2 deployed on the Spotfire Analytics Server, you only need to install the TIBCO Spotfire 2.2 client on the Citrix Presentation Server.

Chapter 1.8 of the “TIBCO Spotfire 2.2 - Deployment and Administration Manual” explains how an administrator prepares to install the TIBCO Spotfire client for end users.

Perform these instructions, but in all cases where the Deployment manual says “your personal computer” this means the Citrix Presentation Server.

Verify that TIBCO Spotfire 2.2 starts properly, and when satisfied close TIBCO Spotfire 2.2 again.

1.4 Publishing the Applications

After TIBCO Spotfire 2.2 has been installed on the Citrix Presentation Server, you need to deploy it so that the users can access TIBCO Spotfire 2.2 from their clients.

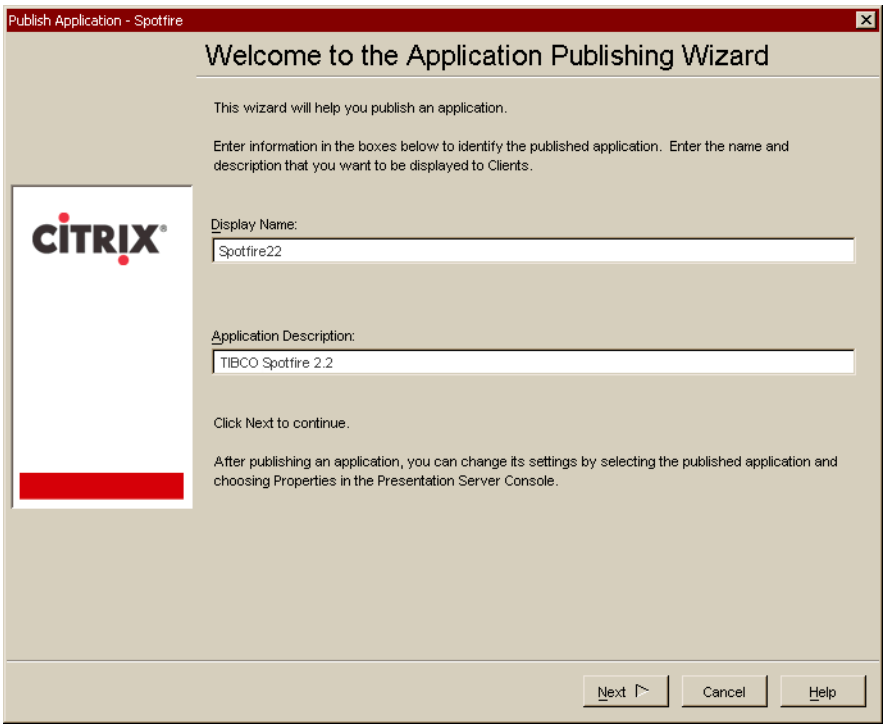
This chapter is intended for the Citrix Presentation Server administrator.

To Publish TIBCO Spotfire 2.2:

1 Open the Citrix Presentation Server Console.

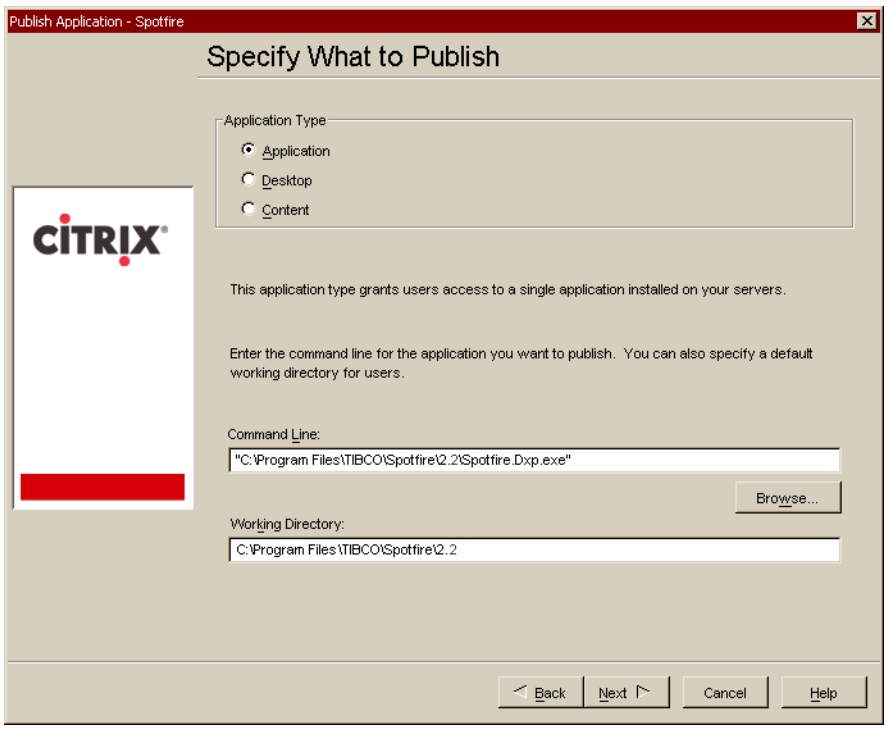
2 Right-click on **Application** and select **Publish Application** from the menu.

3


Publish Application - Spotfire
Welcome to the Application Publishing Wizard
This wizard will help you publish an application.
Enter information in the boxes below to identify the published application. Enter the name and description that you want to be displayed to Clients.
CITRIX
Display Name:
Spotfire22
Application Description:
TIBCO Spotfire 2.2
Click Next to continue.
After publishing an application, you can change its settings by selecting the published application and choosing Properties in the Presentation Server Console.
Next
Cancel
Help

Enter **Spotfire22** as the Display Name and **TIBCO Spotfire 2.2** as the Application Description, and click **Next**.

4



Select the **Application** radio button. Browse to the **Spotfire.Dxp.exe** for the Command Line. The Working Directory should automatically be set when doing this.

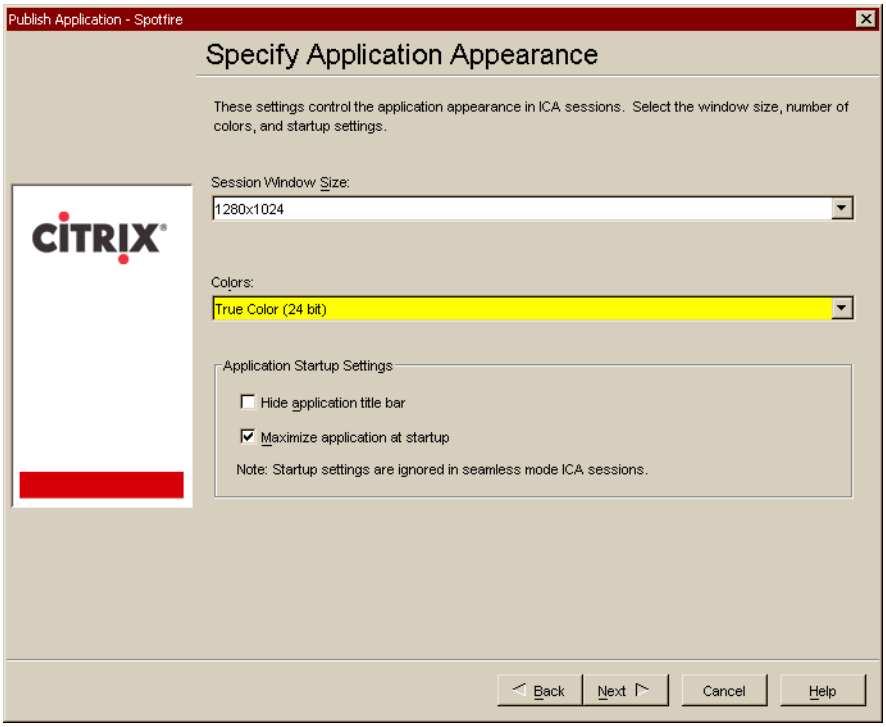
Click **Next**.

5

Publish Application - Spotfire
Program Neighborhood Settings
These settings control application launching in Program Neighborhood. You can specify a folder to contain the application's icon, and push application shortcuts to Start menus and desktops of clients.
Program Neighborhood Folder:
QACitrix40Farm
Application Shortcut Placement
Add to the client's Start Menu
Place under Programs folder (Program Neighborhood Agent only)
Start Menu Folder (Program Neighborhood Agent only):
Add shortcut to the client's desktop
Application Icon
Icon:
Change Icon...
Back
Next
Cancel
Help

Set the Program Neighborhood Settings you want, and click **Next**.

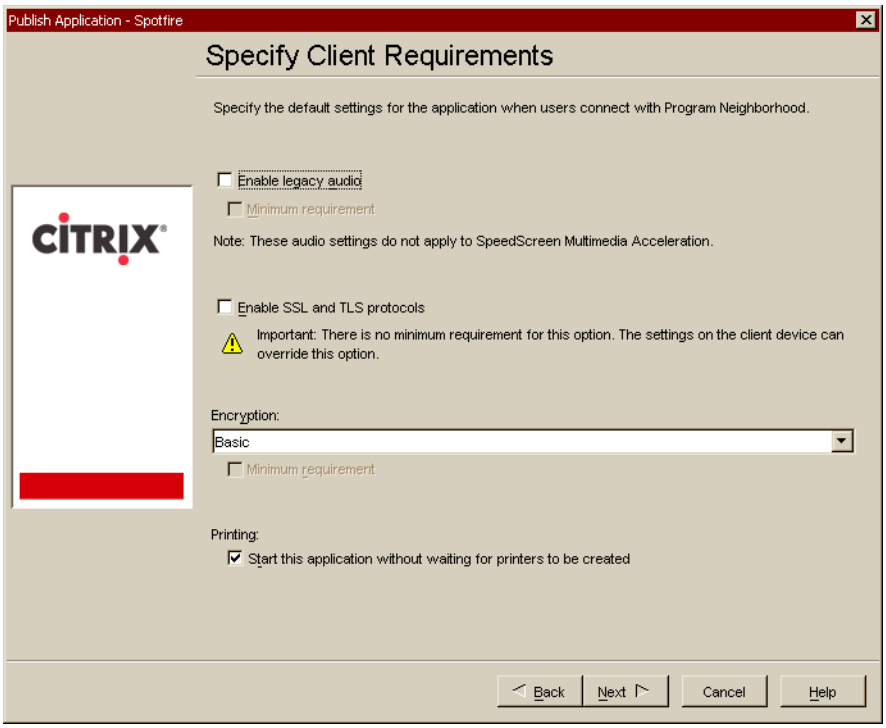
6


Publish Application - Spotfire
Specify Application Appearance
These settings control the application appearance in ICA sessions. Select the window size, number of colors, and startup settings.
Session Window Size:
1280x1024
Colors:
True Color (24 bit)
Application Startup Settings
Hide application title bar
Maximize application at startup
Note: Startup settings are ignored in seamless mode ICA sessions.
Back
Next
Cancel
Help

Specify the Application Appearance. TIBCO Spotfire 2.2 requires at least **1024x768** and **High Color (16 bit)**.

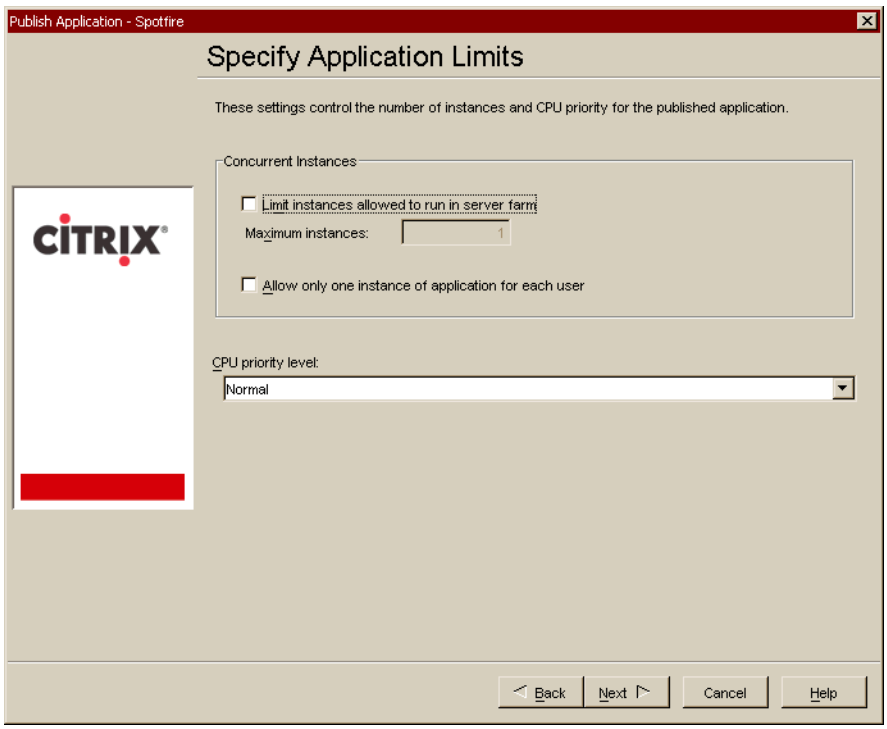
Click **Next**.

7


Publish Application - Spotfire
Specify Client Requirements
Specify the default settings for the application when users connect with Program Neighborhood.
Enable legacy audio
Minimum requirement
Note: These audio settings do not apply to SpeedScreen Multimedia Acceleration.
Enable SSL and TLS protocols
Important: There is no minimum requirement for this option. The settings on the client device can override this option.
Encryption:
Basic
Minimum requirement
Printing:
Start this application without waiting for printers to be created
Back
Next
Cancel
Help

Specify the Client Requirements you want, and click **Next**.

8

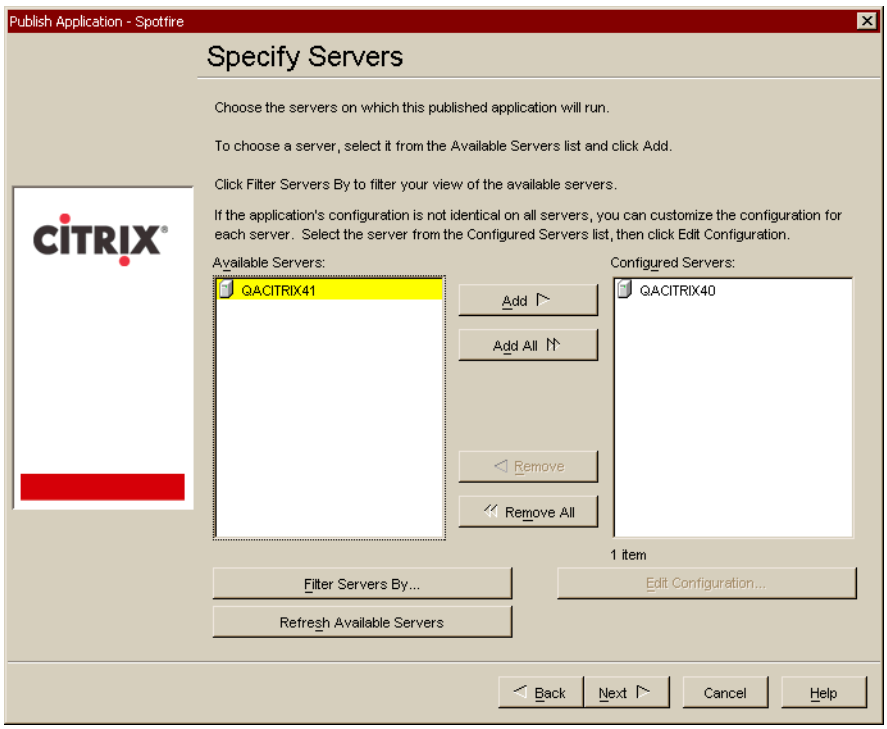


Specify the Application Limits you want, and click **Next**.

9

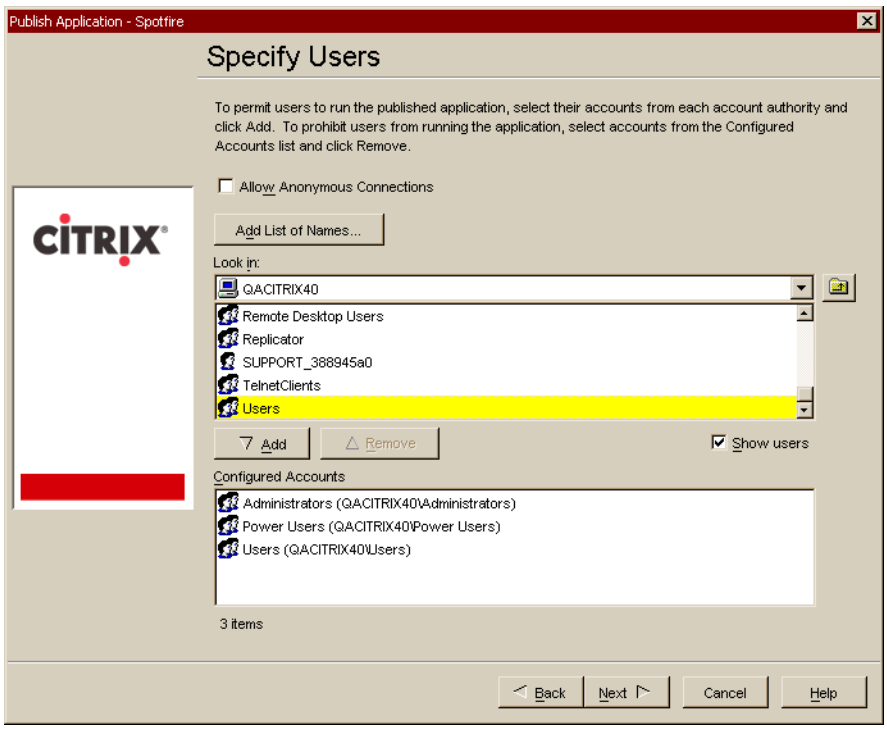
Configure the Access Control you want, and click **Next**.

10


Publish Application - Spotfire
Specify Servers
Choose the servers on which this published application will run.
To choose a server, select it from the Available Servers list and click Add.
Click Filter Servers By to filter your view of the available servers.
If the application's configuration is not identical on all servers, you can customize the configuration for each server. Select the server from the Configured Servers list, then click Edit Configuration.
Available Servers:
QACITRIX41
Add
Add All
Remove
Remove All
Configured Servers:
QACITRIX40
1 item
Filter Servers By...
Edit Configuration...
Refresh Available Servers
Back
Next
Cancel
Help

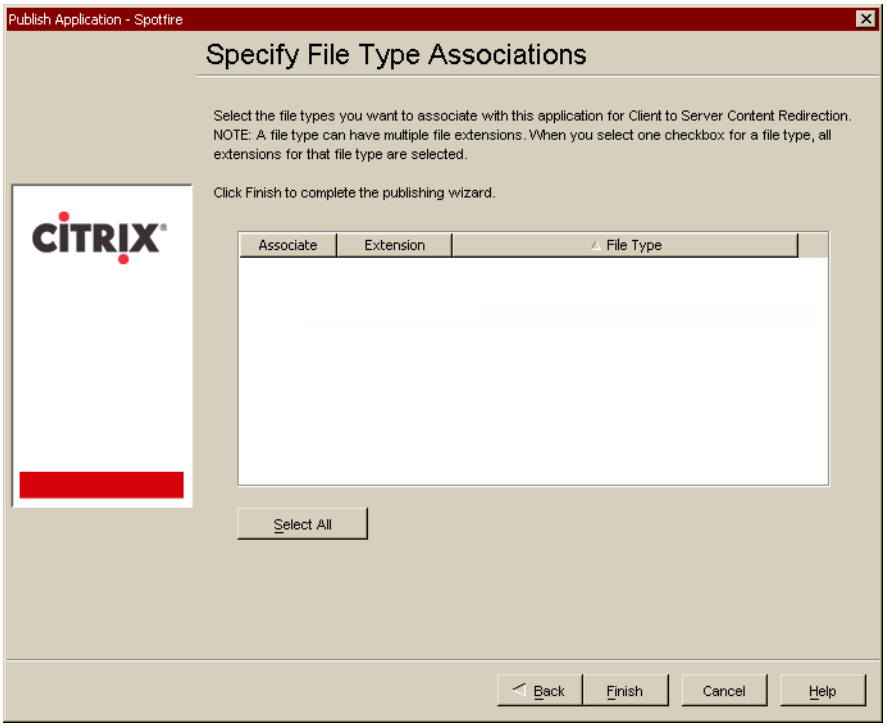
Choose the Citrix servers on which TIBCO Spotfire 2.2 will run, and click **Next**.

11



Specify which users should have access to TIBCO Spotfire 2.2, and click **Next**.

12


Publish Application - Spotfire
Specify File Type Associations
Select the file types you want to associate with this application for Client to Server Content Redirection. NOTE: A file type can have multiple file extensions. When you select one checkbox for a file type, all extensions for that file type are selected.
Click Finish to complete the publishing wizard.
CITRIX
Associate
Extension
File Type
Select All
Back
Finish
Cancel
Help

Although no file type associations are displayed in this screen, Spotfire analysis files with the extension .dxp will still be associated to TIBCO Spotfire. Click **Finish**.

13 TIBCO Spotfire 2.2 has now been published.

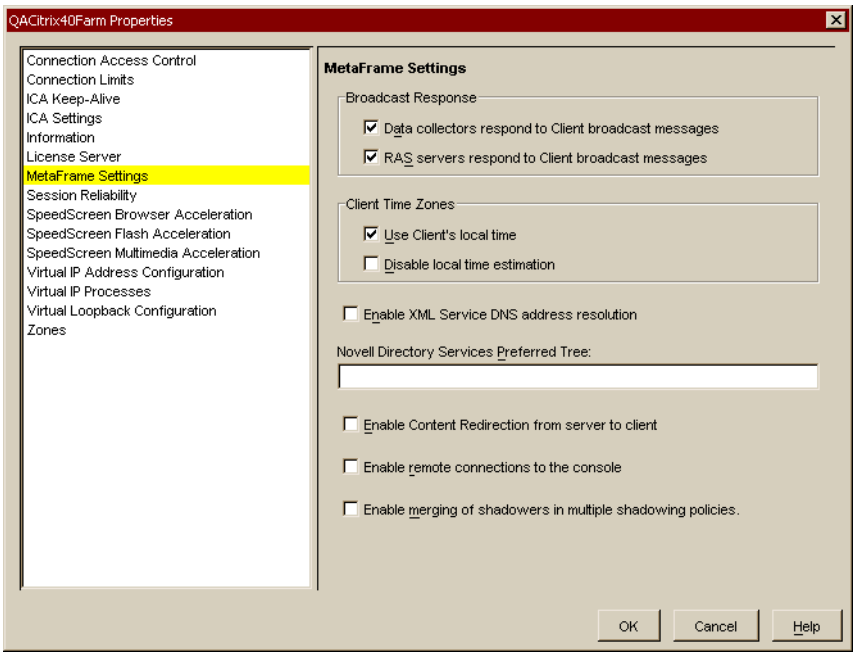
1.5 Configure Settings for Farm

This chapter is intended for the Citrix Presentation Server administrator.

1 Start the Citrix Presentation Server administration tool.

2 Select Properties for the Farm you used for TIBCO Spotfire 2.2.

3 On the MetaFrames Settings page, clear the “Enable Content Redirection from server to client” check box.



Spotfire recommends unchecking "Enable Content Redirection from server to client" to ensure that all Web browser related tools work as expected.

4 Confirm the changes and exit the administration tool.

2 Deploying Additions to Spotfire 2.2

If you have received updated packages, patches or languages packs you want to deploy to the Spotfire Analytics Server, in order for your end users to take advantage of, perform the following instructions.

1 Apply all upgraded packages, patches and language packs to the Spotfire Analytics Server, using the instructions provided with these.

2 Start TIBCO Spotfire 2.2 from the Citrix Presentation Server.

Comment: If prompted, log in as **Administrator**.

Response: The new packages are now downloaded to the TIBCO Spotfire 2.2 client on the Citrix Presentation Server.

3 Close and exit TIBCO Spotfire 2.2.

The next time an end user logs into TIBCO Spotfire 2.2 via Citrix, he or she will get the updated packages and functionality.

3 Upgrade Instructions

If you already have TIBCO Spotfire 2.1 deployed on your Spotfire Analytics Server, and have set up your Citrix environment for use with this, perform the following instructions to upgrade everything to TIBCO Spotfire 2.2.

3.1 Installing TIBCO Spotfire 2.2 on the Citrix Presentation Server

Follow the instructions in chapter 2.1 to chapter 2.4 of the “TIBCO Spotfire 2.2 - Deployment and Administration Manual”. This will explain how to deploy the TIBCO Spotfire 2.2 packages on the Spotfire Analytics Server 10.1.

After you have performed the instructions above, if you have any patches or language packs to apply, do so now according to the instructions provided with these.

Now the new version 2.2 packages have been deployed to the Spotfire Analytics Server.

1 Access the Citrix Presentation Server machine and login with administrative privileges.

2 Start the Spotfire client on the Citrix Presentation Server machine.

3 Login to the Spotfire Analytics Server.

Response: You will now be prompted to download new packages.

Comment: It is important that you log into the Citrix Presentation Server with administrator privileges. This is to ensure that the Spotfire packages gets installed “for all users”.

4 Download the new packages which will upgrade the Spotfire client to version 2.2.

5 Finished. The next time an end user will start Spotfire from a Citrix client, it will be the upgraded 2.2 version that starts.